

**REMARKS**

Applicant respectfully requests reconsideration of the present application in view of the foregoing amendments and in view of the reasons that follow.

**Status of Claims:**

Claims 2 and 6 are currently being cancelled.

Claims 1, 3, 5, 7, 9 and 10 are currently being amended.

Claims 11 and 12 are currently being added.

This amendment and reply adds, cancels and amends claims in this application. A detailed listing of all claims that are, or were, in the application, irrespective of whether the claims remain under examination in the application, is presented, with an appropriate defined status identifier.

After adding, canceling and amending the claims as set forth above, claims 1, 3, 5, 7 and 9-12 are now pending in this application.

**Request for Indication of Approval of Drawings:**

Applicant respectfully requests approval of the drawings submitted with the patent application on March 16, 2005.

**Claim Rejections – Prior Art:**

In the Office Action, claims 1-3, 5-7, 9 and 10 were rejected under 35 U.S.C. § 103(a) as being unpatentable over JP 2001-86051 to Miyata et al. in view of U.S. Patent No. 5,701,595 to Green. This rejection is traversed with respect to the presently pending claims under rejection, for at least the reasons given below.

In its rejection of independent claims 1 and 5, the Office Action appears to ignore the “uses co-channel radio frequency distribution” feature recited in those claims. Presently pending independent claims 1 and 5 have been amended to make this feature more explicit, whereby neither Miyata et al. nor Green teach or suggests such a feature. That is, neither Miyata et al. nor Green teaches or suggests polarization signals having the same frequencies and different polarization directions are combined by an antenna and output having a co-channel radio frequency distribution.

Accordingly, presently pending independent claims 1 and 5 are patentable over the cited art of record.

**New Claims:**

New claims 11 and 12 have been added to recite additional features of the present invention.

**Conclusion:**

Since all of the issues raised in the Office Action have been addressed in this Amendment and Reply, Applicant believes that the present application is now in condition for allowance, and an early indication of allowance is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check or credit card payment form being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

Date February 25, 2008

FOLEY & LARDNER LLP  
Customer Number: 22428  
Telephone: (202) 945-6014  
Facsimile: (202) 672-5399

By Phillip J. Articola

George C. Beck  
Registration No. 38,072

Phillip J. Articola  
Registration No. 38,819